

FIG. 3

- 11: POSITION DETECTION MEANS
- 12: SIGNAL GENERATION MEANS
- 13: DRIVE MEANS
- 5 14: VIBRATION CONTROL MEANS

FIG. 4

- 1: CYCLE
- 2: DISPLACEMENT
- 10 3: VIBRATIONAL WAVEFORM
- 4: DRIVE SIGNAL
- 5: CYCLE
- 6: RESONANCE FREQUENCY
- 7: ACCUMULATION SIGNAL
- 15 8: DAMPING SIGNAL
- 9: FORWARD DIRECTION
- 10: REVERSE DIRECTION

FIG. 5

- 20 1: ENVELOPE
- 2: VIBRATIONAL WAVEFORM
- 3: ACCUMULATION SIGNAL
- 4: DAMPING SIGNAL
- 5: DRIVE SIGNAL

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FIG. 6

- 1: ENVELOPE

2: VIBRATIONAL WAVEFORM

3: ACCUMULATION SIGNAL

4: DAMPING SIGNAL

5: DRIVE SIGNAL

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FIG. 1A

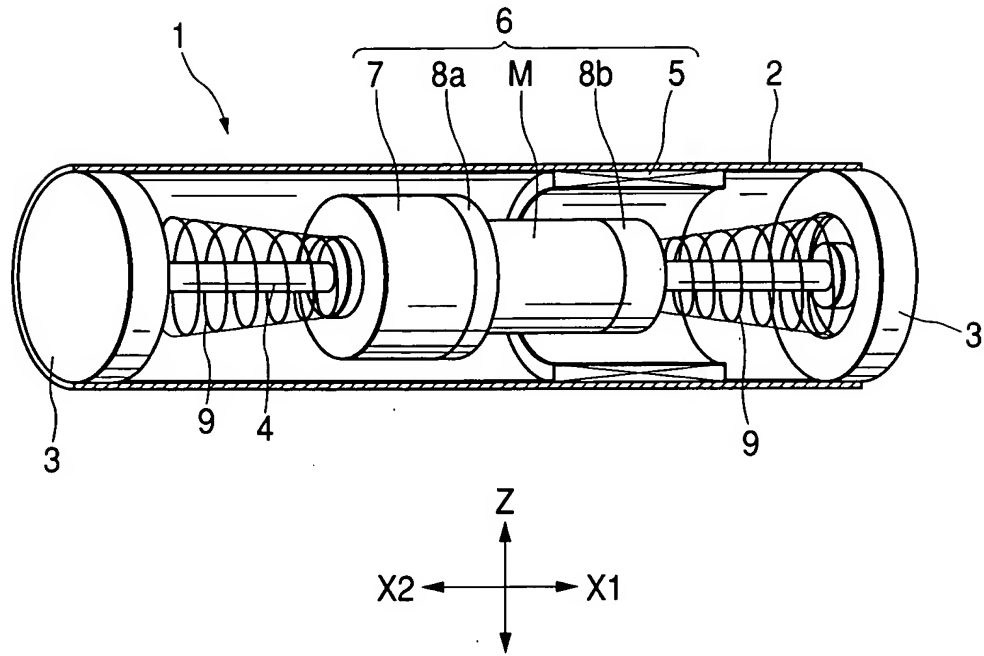
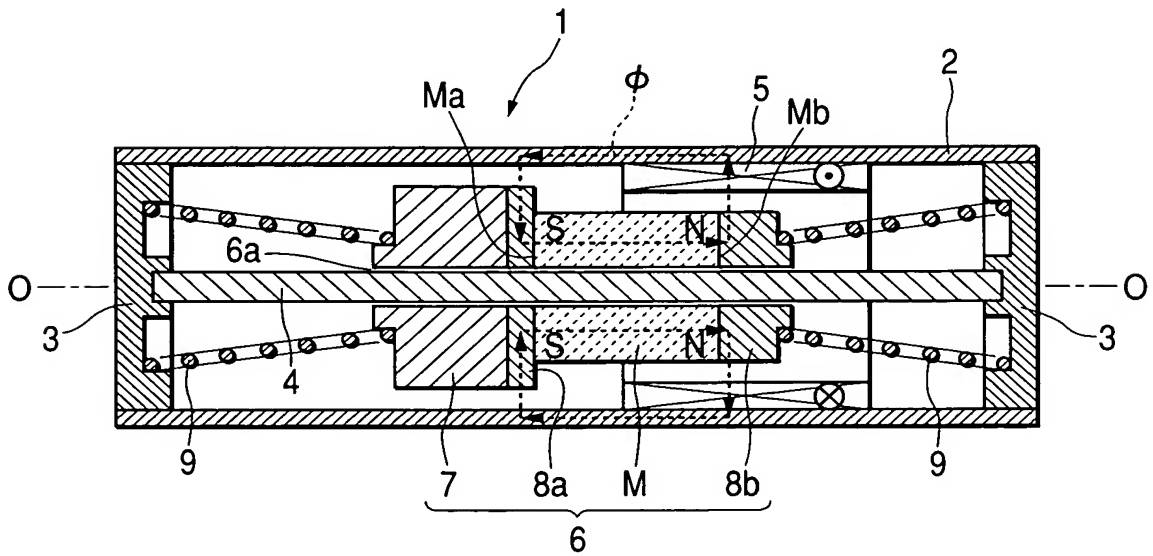
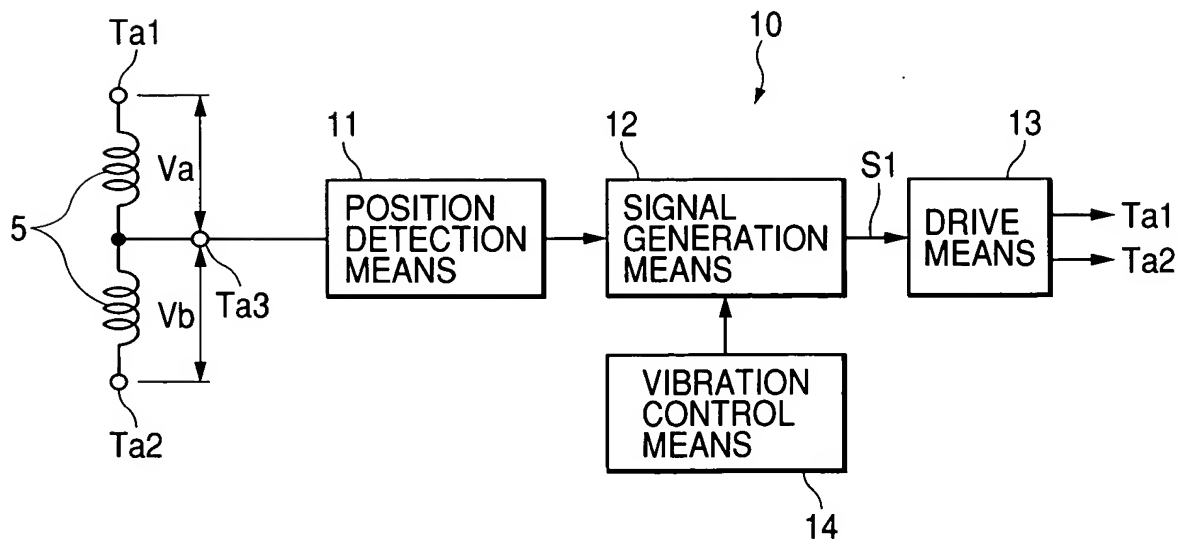


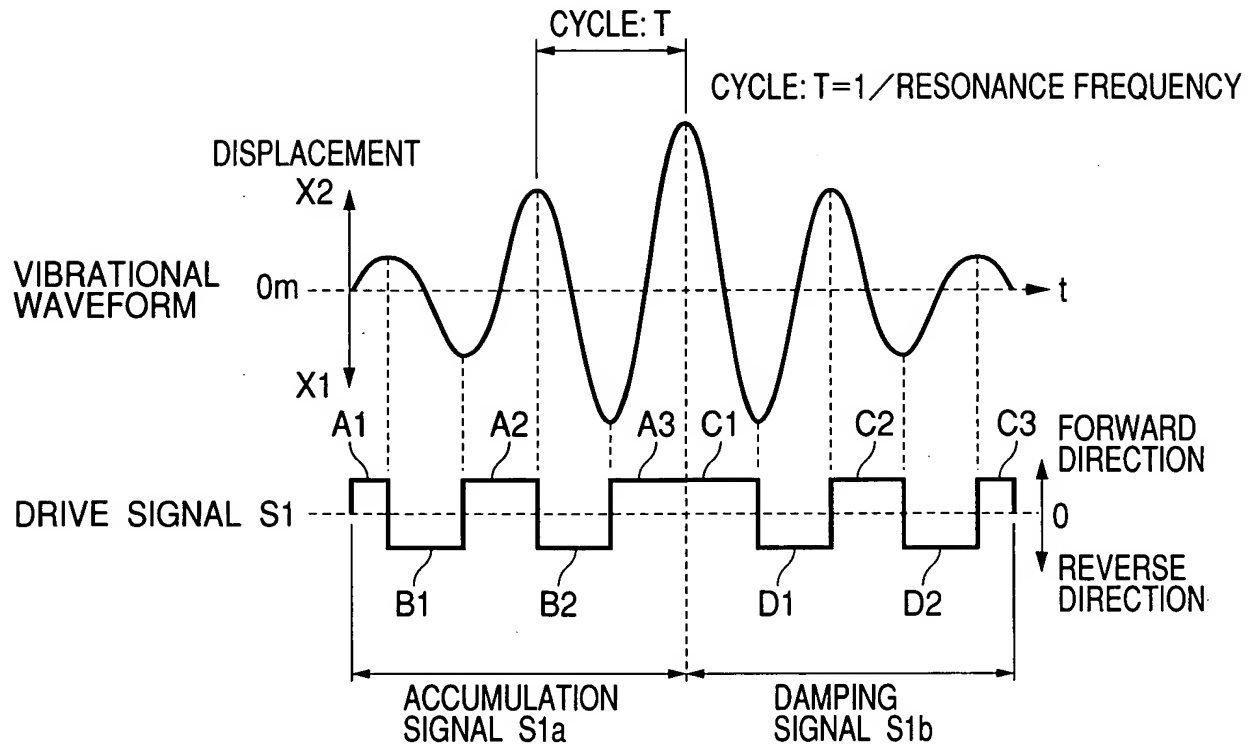
FIG. 1B





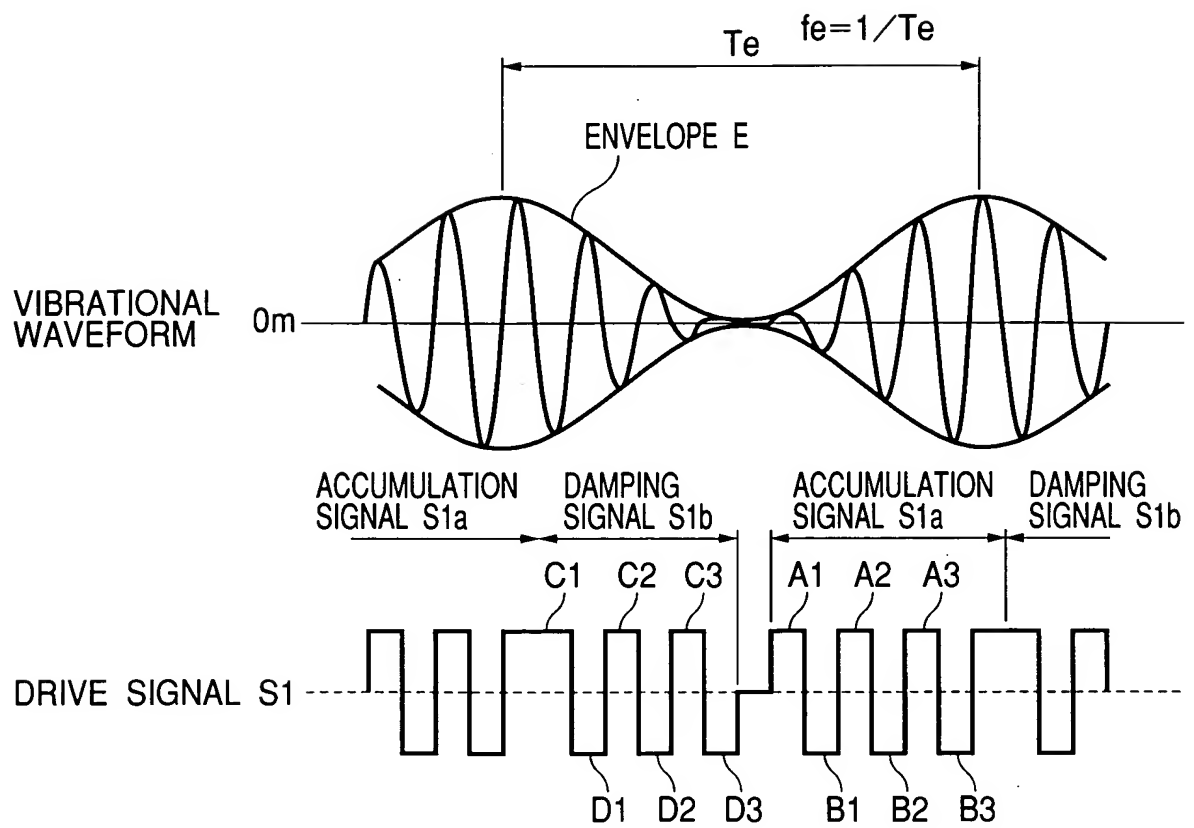
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FIG. 4



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FIG. 5



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FIG. 6

